

## MTBE AQUATIC TOXICITY DATA

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### Freshwater

<i>Selenastrum capricornutum</i> (green alga)	184 (LC <sub>50</sub> , mg/l) <sup>1</sup>
<i>Daphnia magna</i> (water flea)	681 (LC <sub>50</sub> , mg/l) <sup>1</sup> 542 “ <sup>2</sup>
<i>Ceriodaphnia dubia</i> (water flea)	340 (LC <sub>50</sub> , mg/l) <sup>3</sup> 203 (IC <sub>25</sub> , mg/l) <sup>*4</sup>
<i>Pimephales promelas</i> (fathead minnow)	706 (LC <sub>50</sub> , mg/l) <sup>5</sup> 672 “ <sup>6</sup> 929 “ <sup>1</sup> 980 “ <sup>7</sup> 288 (IC <sub>25</sub> , mg/l) <sup>*8</sup>
<i>Onchorhynchus mykiss</i> (rainbow trout)	1237 (LC <sub>50</sub> , mg/l) <sup>1</sup> 887 (LC <sub>50</sub> , mg/l) <sup>9</sup>
<i>Rana temporaria</i> L. (tadpole)	2500 (LC <sub>50</sub> , mg/l) <sup>10</sup>
<b><u>Marine</u></b>	
<i>Nitocra spinipes</i> (copepod)	>1000 (LC <sub>50</sub> , mg/l) <sup>11</sup>
<i>Mysidopsis bahia</i> (mysid shrimp)	44 (LC <sub>50</sub> , mg/l) <sup>12</sup> 136 “ <sup>1</sup>
<i>Alburnus alburnus</i> (bleak)	>1000 (LC <sub>50</sub> , mg/l) <sup>11</sup>
<i>Cyprinodon variegatus</i> (sheepshead minnow)	>2500 (LC <sub>50</sub> , mg/l) <sup>13</sup>
<i>Menidia beryllina</i> (inland silverside)	574 (LC <sub>50</sub> , mg/l) <sup>1</sup>

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\* IC<sub>25</sub> is the concentration estimated to cause a 25% reduction in organism performance relative to control; *Ceriodaphnia* IC<sub>25</sub> data represent a reproductive effect; *Pimephales* IC<sub>25</sub> data represent a growth effect.

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